



Attorney's Docket No.: 14188-003US1
Client's Reference No.: PROX06/C/EP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Peter Gingras
Serial No. : 10/525,193
Filed : August 12, 2005
Title : THREE DIMENSIONAL IMPLANT

Art Unit : Unknown
Examiner : Unknown

Mail Stop PGPUB.
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTED PUBLICATION

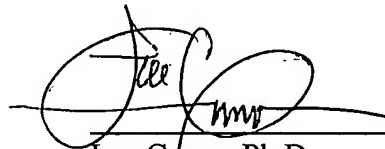
Applicant hereby requests a Corrected Publication. The above-identified application, which Published on 5/18/2006 at Publication Number US-US 2006-0106419 A1, contained the following errors that were created by the USPTO:

Text is missing from Figure 9D. Figure 9D should appear as is shown on the attached sheet of drawing (Figure 9D).

No fee is believed to be due, as the missing text was present in the application as filed. If there are any charges, or credits, please apply them to Deposit Account No. 06-1050.

Respectfully submitted,

Date: July 18, 2006



Lee Crews, Ph.D.
Reg. No. 43,567

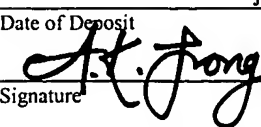
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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit July 18, 2006

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Ashley K. Long
Typed or Printed Name of Person Signing Certificate

Method for Calculating Mesh3 Surface Area

<u>Area of pore</u>	<u>Ap</u>	<u>10.89</u>	<u>mm2</u>
<u>Perimeter of pore</u>	<u>Pp</u>	<u>15.08</u>	<u>mm</u>
<u>Thickness</u>	<u>t</u>	<u>0.20</u>	<u>mm</u>
<u>Area of unit cell</u>	<u>Ac</u>	<u>35.48</u>	<u>mm2</u>

<u>Area of space in unit cell</u>	<u>As=Ap+4(Ap/4)=2Ap</u>	<u>21.78</u>	<u>mm2</u>
<u>Top surface area</u>	<u>Atop=Ac-As</u>	<u>13.70</u>	<u>mm2</u>
<u>Bottom surface area</u>	<u>Abot=Atop</u>	<u>13.70</u>	<u>mm2</u>
<u>Area of thickness</u>	<u>At=t(Pp+4(Pp/4))</u>	<u>6.03</u>	<u>mm2</u>

<u>3D surface area of a unit cell</u>	<u>Asu=Atop+Abot+At</u>	<u>33.43</u>	<u>mm2</u>
<u>Surface area ratio</u>	<u>Asurf=Asu/Ac</u>	<u>0.94</u>	

Method for Calculating the Surface Area for the Three Dimensional Implant Components

<u>Area of disks</u>	<u>Ad=$\pi(r_1)^2 + \pi(r_2)^2 + \dots$</u>	<u>44.02</u>	<u>cm2</u>
<u>Surface area of disks</u>	<u>Asurfd=Ad*Asurf</u>	<u>41.38</u>	<u>cm2</u>
<u>Area of supports</u>	<u>As=((Lsup*Rsup)*1/2)*2</u>	<u>13.31</u>	<u>cm2</u>
<u>Surface area of supports</u>	<u>Asurfs=As*Asurf</u>	<u>12.51</u>	<u>cm2</u>
<u>Surface area of implant</u>	<u>Asurfi=Asurfd+Asurfs</u>	<u>53.89</u>	<u>cm2</u>

FIG. 9D